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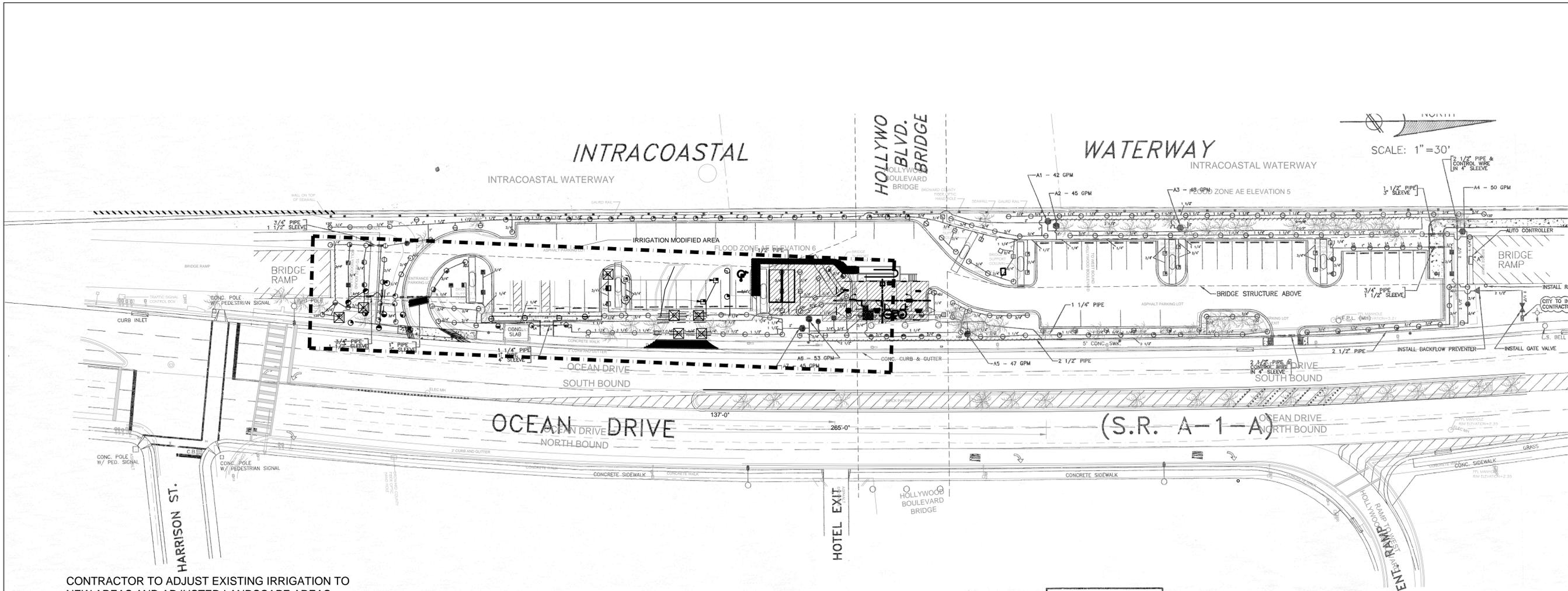
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CITY OF HOLLYWOOD  
BEACH MAINTENANCE OFFICE  
HOLLYWOOD, FLORIDA

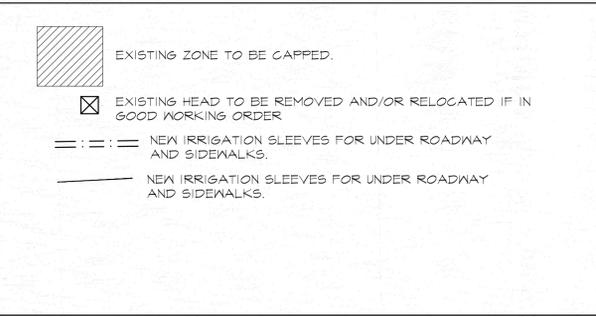
CLIENT: CITY OF HOLLYWOOD



CONTRACTOR TO ADJUST EXISTING IRRIGATION TO NEW AREAS AND ADJUSTED LANDSCAPE AREAS. IRRIGATION MODIFICATION PLAN HIGHLIGHTS AREAS BY OVERLAYING EXISTING IRRIGATION PLAN TO NEW PROPOSED SITE.

PLAN ILLUSTRATES WHERE NEW SLEEVES, IRRIGATION HEADS, AND REMOVALS APPROXIMATE LOCATIONS. CONTRACTOR MAY REUSE EXISTING IRRIGATION HEADS IN NEW LOCATION IF PROPERLY WORKING.

CONTRACTOR TO TEST EXISTING IRRIGATION TO ENSURE SYSTEM IS WORKING PROPERLY. ALL EXISTING HEADS TO BE ADJUSTED TO MINIMIZE OVER-SPRAY. CONTRACTOR TO ENSURE SYSTEM HAS A RAIN SENSOR INSTALLED IF NOT PROVIDE A RAIN SENSOR.



TYPICAL ZONE SUMMARY

A	- CONTROLLER
3	- STATION
48	- EST. WATER USAGE

IRRIGATION SYSTEM LEGEND

SYMBOL	MODEL No.	DESCRIPTION	*EST. QUANTITY	SYMBOL	MODEL No.	DESCRIPTION	*EST. QUANTITY
[Symbol]	570S-10Q	TORO ADJ. SHRUB SPRAY	1	[Symbol]	570HP-10H	TORO ADJ. POP-UP SPRAY (12")	7
[Symbol]	570S-10H	TORO ADJ. SHRUB SPRAY	2	[Symbol]	570HP-12ADJ	TORO ADJ. POP-UP SPRAY (12")	1
[Symbol]	570S-12Q	TORO ADJ. SHRUB SPRAY	1	[Symbol]	570HP-12Q	TORO ADJ. POP-UP SPRAY (12")	3
[Symbol]	570S-12H	TORO ADJ. SHRUB SPRAY	1	[Symbol]	570HP-12H	TORO ADJ. POP-UP SPRAY (12")	10
[Symbol]	570S-12F	TORO ADJ. SHRUB SPRAY	7	[Symbol]	570HP-4SST	TORO ADJ. POP-UP SPRAY (12")	3
[Symbol]	570S-4EST	TORO ADJ. SHRUB SPRAY	1	[Symbol]	570HP-15ADJ	TORO ADJ. POP-UP SPRAY (12")	3
[Symbol]	570S-4SST	TORO ADJ. SHRUB SPRAY	12	[Symbol]	570HP-15Q	TORO ADJ. POP-UP SPRAY (12")	4
[Symbol]	570S-15Q	TORO ADJ. SHRUB SPRAY	1	[Symbol]	570HP-15H	TORO ADJ. POP-UP SPRAY (12")	8
[Symbol]	570S-15H	TORO ADJ. SHRUB SPRAY	8	[Symbol]	252-26-06	TORO 1 1/2" SOLENOID VALVE (24 VAC)	7
[Symbol]	570S-15F	TORO ADJ. SHRUB SPRAY	1	[Symbol]	189-95-01	TORO VISION II CONTROLLER (9 STATION)	1
[Symbol]	5704P-10Q	TORO ADJ. POP-UP SPRAY (4")	1	[Symbol]	850-74	TORO RAIN SWITCH	1
[Symbol]	5704P-10H	TORO ADJ. POP-UP SPRAY (4")	3	[Symbol]	850-01	TORO THICKWALLED POLY PIPE	AS REQUIRED
[Symbol]	5704P-12Q	TORO ADJ. POP-UP SPRAY (4")	7	[Symbol]	850-31	TORO THICKWALLED POLY PIPE ELBOWS	AS REQUIRED
[Symbol]	5704P-12H	TORO ADJ. POP-UP SPRAY (4")	7	[Symbol]	PVB-200-R	RAINBIRD PRESSURE VACUUM BREAKER	1
[Symbol]	5704P-12F	TORO ADJ. POP-UP SPRAY (4")	4	[Symbol]	#14 AWG	DIRECT BURIAL UF WIRE	AS REQUIRED
[Symbol]	5704P-4EST	TORO ADJ. POP-UP SPRAY (4")	2	[Symbol]		SCH 40 GALVANIZED STEEL SLEEVES	AS REQUIRED
[Symbol]	5704P-4SST	TORO ADJ. POP-UP SPRAY (4")	34	[Symbol]		SHRUB RISERS	AS REQUIRED
[Symbol]	5704P-15ADJ	TORO ADJ. POP-UP SPRAY (4")	2	[Symbol]		FITTINGS	AS REQUIRED
[Symbol]	5704P-15Q	TORO ADJ. POP-UP SPRAY (4")	8	[Symbol]		GATE VALVE (TO LINE SIZE)	1
[Symbol]	5704P-15H	TORO ADJ. POP-UP SPRAY (4")	1	[Symbol]		VALVE BOX	8
[Symbol]	5704P-15T	TORO ADJ. POP-UP SPRAY (4")	1	[Symbol]		GROUNDING EQUIPMENT	AS REQUIRED
[Symbol]	5704P-15H	TORO ADJ. POP-UP SPRAY (4")	86	[Symbol]			

\* ABOVE QUANTITIES ARE GIVEN AS A COURTESY AND ARE FOR COMPARISON ONLY. CONTRACTOR SHALL VERIFY PRIOR TO SUBMITTING BID.

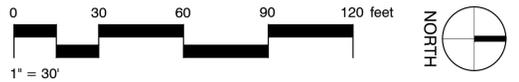
\* ABOVE QUANTITIES ARE GIVEN AS A COURTESY AND ARE FOR COMPARISON ONLY. CONTRACTOR SHALL VERIFY PRIOR TO SUBMITTING BID.

ELECTRICAL NOTES:

- 1. WORK SHALL BE IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE (LATEST EDITION) AND THE NATIONAL ELECTRICAL CODE (LATEST EDITION).
- 2. ALL CONDUCTORS SHALL BE COPPER WITH THWN OR THW INSULATION IN THE MINIMUM SIZES REQUIRED.
- 3. VALVE CONTROL WIRES BETWEEN THE CONTROLLER AND THE VALVE CIRCUITS SHALL BE RUN CONTINUOUS. SPLICING OF WIRING SHALL NOT BE PERMITTED.
- 4. CONTROL WIRING SHALL CONSIST OF A COMMON NEUTRAL, A COMMON GROUND AND AN INDIVIDUAL 24V HOT WIRE TO EACH VALVE. ALL WIRE SHALL BE TYPE UF CABLE, SUITA FOR DIRECT BURIAL IN THE EARTH. CONTRACTOR TO SIZE COPPER WIRE.

IRRIGATION NOTES:

- 1. ALL IRRIGATION LINES SHALL BE A MINIMUM OF 12" BELOW FINISHES GRADE.
- 2. ALL IRRIGATION LINES AND SLEEVES SHALL BE P.V.C. SCHEDULE 40.
- 3. AS-BUILT DRAWINGS SHALL BE FURNISHED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- 4. CONTRACTOR SHALL ADJUST THE SYSTEM ON THE SITE TO PROVIDE 100% COVERAGE UNDER NORMAL WIND CONDITIONS.
- 5. SPRINKLER HEADS SHALL BE MANUFACTURED BY TORO OR APPROVED EQUAL.















**I. GENERAL NOTES**

**A. APPLICABLE CODES**

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY, COUNTY AND STATE.
2. CONSTRUCTION SAFETY - ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.
3. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH CHAPTER 90-96, OF THE LAWS OF FLORIDA, THE TRENCH SAFETY ACT, AND OSHA STANDARD 29 C.F.R. SECTION 1926.650 SUBPART P, THE CONTRACTOR SHALL SUBMIT WITH HIS CONTRACT A COMPLETED, SIGNED, AND NOTARIZED COPY OF THE TRENCH SAFETY ACT COMPLIANCE STATEMENT. THE CONTRACTOR SHALL ALSO SUBMIT A SEPARATE COST ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY CODES.
4. NO CONSTRUCTION MAY COMMENCE UNTIL THE APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM ALL LOCAL, STATE AND FEDERAL AGENCIES.

**B. PRECONSTRUCTION RESPONSIBILITIES**

1. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND HIMSELF.
2. THE CONTRACTOR SHALL OBTAIN AN SUNSHINE STATE ONE CALL OF FLORIDA CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION.
3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. HE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
5. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

**C. INSPECTIONS**

1. THE OWNER, ENGINEER, AND LOCAL PERMITTING AGENCIES MAY MAKE INSPECTIONS OF THE WORK AT ANY TIME. THE CONTRACTOR SHALL COOPERATE FULLY WITH ALL INSPECTIONS.

**D. SHOP DRAWINGS**

1. THE CONTRACTOR SHALL SUBMIT (5) FIVE SETS OF SHOP DRAWINGS FOR APPROVAL TO THE ENGINEER OF RECORD PRIOR TO FABRICATION OF CONSTRUCTION. ALL MATERIALS USED ON THE PROJECT OR SHOP DRAWINGS FROM THE ENGINEER SHALL THEN BE SUBMITTED BY THE CONTRACTOR TO THE CITY OR CITY FOR THEIR APPROVAL. NO CONSTRUCTION SHALL COMMENCE UNTIL THE APPROVED SHOP DRAWINGS HAVE BEEN OBTAINED BY THE CONTRACTOR FROM THE ENGINEER, CITY, AND/OR COUNTY.
2. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.

**E. TEMPORARY FACILITIES**

1. TEMPORARY UTILITIES - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO HIS EMPLOYEES, AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
2. TRAFFIC REGULATION - MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MUTCD AND THE FDOT STANDARD SPECIFICATIONS.
3. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. NO HOLES SHALL BE LEFT OPEN OVERNIGHT.

**F. PROJECT SITE**

1. DURING CONSTRUCTION THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED ALL NECESSARY HIGHWAY OR DRIVEWAY, WALK, AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

**G. PROJECT RECORD DOCUMENTS**

1. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED. INFORMATION RELATIVE TO MANHOLES, VALVES, SERVICES, FITTINGS, LENGTH OF PIPE, INVERT ELEVATIONS, FINISHED GRADE ELEVATIONS AND THE LINE, SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR. TOP ELEVATIONS @ 100' D.C.
2. PRIOR TO THE PLACEMENT OF ANY ASPHALT OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD "AS-BUILT" PLANS SHOWING LIMEROCK BASE GRADES, DRAINAGE, WATER, AND SEWER IMPROVEMENTS. PAVING OPERATIONS SHALL NOT COMMENCE UNTIL THE ENGINEER HAS REVIEWED THE "AS-BUILT" AND THE ENGINEER HAS APPROVED PAVING TO COMMENCE.
3. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUBGRADE SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING ASPHALT BASE MATERIAL.
4. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR LIMEROCK SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING ASPHALT.
5. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER AND ANY APPLICABLE REVIEWING AGENCY THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
6. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD FIVE COMPLETE SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS (PRINTS) AND ONE MYLAR ORIGINAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED BY THE CONTRACTOR.
7. ALL "AS-BUILT" INFORMATION ON ELEVATIONS OF PAVING, DRAINAGE, WATER, AND SEWER SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR.
8. ALL AS-BUILT INFORMATION MUST BE PROVIDED IN AUTOCAD® RELEASE 14 OR 2000 FORMAT.

**H. EARTHWORK**

1. NONE OF THE EXISTING MATERIAL IS TO BE INCORPORATED IN THE LIMEROCK BASE.
2. ALL SUBGRADE UNDER PAVED AREAS SHALL HAVE A MINIMUM LBR VALUE OF 40 AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
4. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL WITHIN WORK LIMITS AND SMALL AREAS SHALL BE REMOVED.

**I. PAVING**

1. TESTING - REQUIRED, ASPHALT AND LIMEROCK TESTS SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER OR THE LOCAL GOVERNMENT AGENCY.

**J. GENERAL UTILITY NOTES**

1. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES AND TEMPORARILY HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION (VERTICAL & HORIZONTAL) OF ANY EXISTING UTILITIES AND TOPOGRAPHY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL UTILITIES, BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES. ANY AND ALL CONFLICTS OR DISCREPANCIES OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS OF CONSTRUCTION DRAWINGS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES IF APPLICABLE: FLORIDA POWER AND LIGHT COMPANY/SOUTHERN BELL-LOCAL GAS COMPANY-LOCAL WATER AND SEWER UTILITY COMPANY(S)-LOCAL CABLE TELEVISION COMPANY(S)-LOCAL CITY ENGINEERING DEPARTMENT-FLORIDA DEPARTMENT OF TRANSPORTATION-SUNSHINE STATE ONE CALL OF FLORIDA-48 HOURS FOR STREET EXCAVATION OR CLOSING FIRE DISPATCH-
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING PAVEMENT, PIPES, CONDUITS, CABLES, ETC., AND LANDSCAPED AREAS THAT ARE DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL RESTORE THEM PROMPTLY. THIS REPAIR SHALL BE DONE AT HIS OWN EXPENSE TO THE OWNER OF THE DAMAGED UTILITY OR PROPERTY.
4. COORDINATE CONSTRUCTION SCHEDULING FOR CONNECTION TO THE EXISTING WATER AND SEWER LINES WITH THE CITY UTILITY DEPARTMENT.
5. ALL PAVEMENT RESTORATION TO BE MADE IN ACCORDANCE WITH THE CITY, COUNTY OR STATE OF FLORIDA D.O.T. STANDARD SPECIFICATIONS, WHERE APPLICABLE.
6. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL SUPPLY THE ENGINEER AND THE CITY WITH THE CERTIFICATION THAT ALL CONSTRUCTION AND MATERIALS MEET OR EXCEEDS THE DESIGN AND HAS BEEN INSTALLED PER THE DRAWINGS AND/OR AS-BUILT DRAWINGS.
7. THE CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER CONTRACTORS IN THE AREA AND ANY OTHER UNDERGROUND CONDUIT (CABLES, FIBER OPTIC CABLES, ETC.) PRIOR TO BEGINNING SUBGRADE. THE CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES WITH APPLICABLE UTILITY COMPANIES.
8. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN OVERNIGHT WITHOUT WRITTEN PERMISSION OF THE CITY OR OWNER.
9. THE CONTRACTOR MUST NOTIFY FLYNN ENGINEERING SERVICES, P.A. PRIOR TO STARTING ANY ROAD OR UNDERGROUND UTILITY CONSTRUCTION OR PAVING AND GRADING OPERATIONS SO THAT THE PROPER INSPECTIONS MAY BE SCHEDULED.

**K. SURVEY INFORMATION**

1. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 NAVD 88.
2. SURVEY INFORMATION BASED ON SURVEY BY GIBBS LAND SURVEYORS.

**II. CONSTRUCTION SPECIFICATIONS**

**A. GENERAL**

1. IT IS THE INTENT OF THESE SPECIFICATIONS TO DESCRIBE THE MINIMUM ACCEPTABLE TECHNICAL REQUIREMENTS FOR THE MATERIALS AND WORKMANSHIP FOR CONSTRUCTION OF SITE IMPROVEMENTS FOR THIS PROJECT. SUCH IMPROVEMENTS SHALL GENERALLY INCLUDE, BUT NOT BE LIMITED TO: CLEARING, GRADING, PAVING, REMOVAL OF EXISTING PAVEMENT, AND STORM DRAINAGE.
2. IT IS THE INTENT THAT THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED 1991, TOGETHER WITH SUPPLEMENTAL SPECIFICATIONS TO THE 1991 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 1991, BE USED WHERE APPLICABLE FOR THE VARIOUS WORK, AND THAT WHERE SUCH WORKING THEREIN REFERS TO THE STATE OF FLORIDA AND ITS PROVIDE PROPER TERMINOLOGY. WHERE MAKING SUCH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS THE "STANDARD SPECIFICATIONS" FOR THIS PROJECT. IF WITHIN A PARTICULAR SECTION, ANOTHER SECTION, ARTICLE OR PARAGRAPH IS REFERRED TO IT SHALL BE PART OF THE STANDARD SPECIFICATIONS ALSO. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL AND STATE LAWS, REGULATIONS AND BUILDING CODES WHICH HAVE JURISDICTION IN THE AREA.
3. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT AND PERFORM ALL OPERATIONS REQUIRED TO COMPLETE THE CONSTRUCTION OF A PAVING, DRAINAGE, WATER AND SEWER SYSTEM AS SHOWN ON THE PLANS, SPECIFIED HEREIN, OR BOTH. IT IS THE INTENT TO PROVIDE A COMPLETE AND OPERATING FACILITY IN ACCORDANCE WITH THESE SPECIFICATIONS AND THE CONSTRUCTION DRAWINGS. THE MATERIAL AND EQUIPMENT SHOWN OR SPECIFIED SHALL NOT BE TAKEN TO EXCLUDE ANY OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK.
4. ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE PLANS, AND CONSTRUCTION SPECIFICATIONS AND THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY THE UNIT OF GOVERNMENT WHICH HAS JURISDICTION AND RESPONSIBILITY FOR THE CONSTRUCTION, WHERE CONFLICTS OR DISCREPANCIES EXIST, THE JURISDICTIONAL GOVERNMENT ENGINEERING DEPARTMENT'S STANDARDS SHALL GOVERN. SUBSTITUTIONS AND DEVIATIONS FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
5. GUARANTEE - ALL MATERIALS AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT, SHALL BE GUARANTEED FOR A PERIOD OF (1) ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE THEREOF, AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER OF FAILURE OF ANY PART OF THE GUARANTEED EQUIPMENT OR MATERIALS, DURING THE GUARANTEE PERIOD, THE AFFECTED PART OR MATERIALS SHALL BE REPLACED PROMPTLY WITH NEW PARTS OR MATERIALS BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE NECESSARY REPLACEMENT OR REPAIRS WITHIN (7) SEVEN DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY COMPLEISH THE WORK AT THE EXPENSE OF THE CONTRACTOR.

**B. EARTHWORK**

1. ALL AREAS WITHIN THE LIMITS OF WORK SHALL BE CLEARED AND GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL CONSIST OF THE COMPLETE REMOVAL AND DISPOSAL OF ALL TREES, BRUSH, STUMP, ROOTS, GRASS, WEEDS, RUBBISH AND ALL OTHER OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE EXISTING GROUND TO A DEPTH OF 18 INCHES. ITEMS DESIGNATED TO REMAIN OR TO BE RELOCATED OR TO BE ADJUSTED SHALL BE SO DESIGNATED AND THE WORK SHALL BE IN ACCORDANCE WITH SECTION 110 OF THE STANDARD SPECIFICATIONS.
2. FILL MATERIAL SHALL BE CLASSIFIED AS A-1, A-3, OR A-2-4 IN ACCORDANCE WITH AASHTO M-145 AND SHALL BE FREE FROM VEGETATION AND ORGANIC MATERIAL, NOT MORE THAN 10% BY WEIGHT OF FILL MATERIAL SHALL PASS THE NO. 200 SIEVE.
3. ALL MATERIAL OF CONSTRUCTION SHALL BE SUBJECT TO INSPECTION AND TESTING TO ESTABLISH CONFORMANCE WITH THE SPECIFICATIONS AND SUITABILITY FOR THE USES INTENDED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO THE TIME HE WILL BE READY FOR AN INSPECTION OR TEST. THE CONTRACTOR SHALL FOLLOW CITY AND COUNTY INSPECTION PROCEDURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PHASE OF WORK DEPENDENT ON AN INSPECTION OR TEST OF AN EARLIER PHASE OF WORK, PRIOR TO THAT TEST OR INSPECTION PASSING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CERTIFIED MATERIAL TEST RESULTS TO THE ENGINEER OF RECORD PRIOR TO THE RELEASE OF FINAL CERTIFICATION BY THE ENGINEER. TEST RESULTS MUST INCLUDE, BUT MAY NOT BE LIMITED, TO DENSITIES FOR SUBGRADE AND LIMEROCK, UTILITIES, EXCAVATION, ASPHALT GRADATION REPORTS, CONCRETE CYLINDERS, ETC.
4. WHEN ENCOUNTERED, MUCK SHALL BE COMPLETELY REMOVED FROM THE CENTER LINE (10 FEET FEET BEYOND THE EDGE OF PAVEMENT EACH SIDE) ALL SUCH MATERIAL SHALL BE REPLACED BY APPROVED GRANULAR FILL, COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180).
5. WHEN ENCOUNTERED WITHIN DRAINAGE SWALES, HARDBAN OR MUCK SHALL BE REMOVED FOR A FIVE FEET AT THE INVERT AND REPLACED WITH GRANULAR MATERIALS.
6. ALL UNDERGROUND UTILITIES AND DRAINAGE INSTALLATIONS SHALL BE IN PLACE PRIOR TO SUBGRADE COMPACTING AND PAVEMENT CONSTRUCTION.
7. GRADUAL ADJACENT TO ROADWAY/PAVEMENT HAVING RUNOFF SHALL BE GRADED (2) TWO INCHES LOWER THAN THE EDGE OF PAVEMENT TO ALLOW FOR THE PLACEMENT OF SOD.
8. SITE GRADING ELEVATIONS SHALL BE WITHIN 0.1' OF THE REQUIRED ELEVATION AND ALL AREAS SHALL BE GRADED TO DRAIN WITHOUT PONDING.
9. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION, FILL, EMBANKMENT AND GRADING TO ACHIEVE THE PROPOSED PLAN GRADES INCLUDING TYPICAL ROAD SIDES AND SLOPES AND CROSS SECTIONS. ALL WORK SHALL BE IN ACCORDANCE WITH SECTION 120 OF THE STANDARD SPECIFICATIONS. IF FILL MATERIAL IS REQUIRED IN EXCESS OF THAT GENERATION BY THE EXCAVATION, THE CONTRACTOR SHALL SUPPLY THIS MATERIAL AS REQUIRED FROM OFF-SITE.

**C. DRAINAGE**

1. INLETS - ALL INLETS SHALL BE THE TYPE DESIGNATED ON THE PLANS. ALL INLETS SHALL BE IN ACCORDANCE WITH THE FLORIDA D.O.T. SPECIFICATIONS, 1991, SECTION 425. ALL INLETS AND PIPES SHALL BE PROTECTED DURING CONSTRUCTION TO PREVENT SILTATION IN THE DRAINAGE SYSTEMS BY MEANS OF TEMPORARY PLUGS AND PLYWOOD OR PLASTIC COVERS OVER THE INLETS. THE ENTIRE DRAINAGE SYSTEM SHALL BE CLEARED OF ALL DEBRIS PRIOR TO FINAL ACCEPTANCE.
2. PIPE SPECIFICATIONS - THE MATERIAL TYPE IS SHOWN ON THE DRAWINGS BY ONE OF THE FOLLOWING DESIGNATIONS: REINFORCED CONCRETE PIPE, ASTM DESIGNATION C-76, TABLE III, F. D. O. T., SECTION 941. CMP = CORRUGATED METAL ALUMINUM PIPE, ASTM DESIGNATION M-196. CMP (SMOOTH LINED) = CORRUGATED METAL ALUMINUM PIPE, (SMOOTH LINED) ASTM DESIGNATION M-196. SCP = SLOTTED CONCRETE PIPE, F. D. O. T., SECTION 941 AND 942. PVC = POLYVINYL CHLORIDE PIPE. PCMP = PERFORATED CMP, F. D. O. T., SECTION 945
3. PIPE BACKFILL REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE AS DEFINED IN THE FLORIDA D.O.T. SPECIFICATIONS, 1991, SECTION 125-B. PIPELINE BACKFILL SHALL BE PLACED IN 6" EQUAL LIFTS AND COMPACTED TO 100% OF THE STANDARD PROCTOR (AASHTO T-99 SPECIFICATIONS).
4. LOCATION OF DRAINAGE STRUCTURES SHALL GOVERN, AND PIPE LENGTH MAY HAVE TO BE ADJUSTED TO ACCOMPLISH CONSTRUCTION AS SHOWN ON THESE PLANS.
5. PLASTIC FILTER FABRIC SHALL BE MIRAFIL TYPAR OR EQUAL CONFORMING TO SECTION 965 OF THE F. D. O. T. STANDARD SPECIFICATIONS.
6. ALL DRAINAGE LINES SHALL BE LAMPED PRIOR TO FINAL ACCEPTANCE.

**D. PAVING**

1. WHERE NEW ASPHALT MEETS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE. PRIOR TO REMOVING CURB OR GUTTER, THE ADJACENT ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE.
2. INTERNAL ASPHALT PAVING CONSTRUCTED ON EXISTING SANDY SOILS SHALL BE CONSTRUCTED WITH A 12" SUBGRADE, COMPACTED TO A MINIMUM DENSITY OF 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99. THE COMPACTED SUBGRADE SHALL BE CONSTRUCTED IN THE LIMITS SHOWN ON THE PLANS. ALL SUBGRADE SHALL HAVE AN LBR OF 40 UNLESS OTHERWISE NOTED.
3. ASPHALTIC CONCRETE SURFACE COURSE SHALL BE CONSTRUCTED TO THE LIMITS SHOWN ON THE PLANS. THE SURFACE COURSE SHALL CONSIST OF THE THICKNESS AND TYPE ASPHALTIC CONCRETE AS SPECIFIED IN THE PLANS. ALL ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH SECTIONS 320, 330, 331, 332, 333, 335, 337 AND 339 OF THE STANDARD SPECIFICATIONS.
4. LIMEROCK BASE SHALL BE PREPARED, COMPACTED AND GRADED AND SHALL BE IN ACCORDANCE WITH SECTION 200 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1991 EDITION. ALL LIMEROCK SHALL BE COMPACTED TO 98% PER AASHTO T-180 AND HAVE NOT LESS THAN 70% OF CARBONATES OF CALCIUM AND MAGNESIUM UNLESS OTHERWISE DESIGNATED. ALL LIMEROCK SHALL BE PRIMED. THE ENGINEER SHALL INSPECT THE COMPLETED BASE COURSE, AND THE CONTRACTOR SHALL CORRECT ANY DEFICIENCIES AND CLEAN THE BASE COURSE PRIOR TO THE PLACEMENT OF THE PRIME COAT. A TACK COAT WILL ALSO BE REQUIRED IF THE ENGINEER FINDS THAT THE PRIME BASE HAS BECOME EXCESSIVELY DIRTY OR THE PRIME COAT HAS CURED TO THE EXTENT OF LOSING BINDING EFFECT PRIOR TO PLACEMENT OF THE ASPHALTIC CONCRETE SURFACE COURSE. THE PRIME AND TACK COATS SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE STANDARD SPECIFICATIONS.
5. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFTS. BASES GREATER THAN 6" SHALL BE PLACED IN TWO EQUAL LIFTS.
6. ASPHALT EDGES THAT ARE NOT CURBED SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE TO THE DIMENSIONS SHOWN ON THE HORIZONTAL CONTROL PLAN.

**E. CONSTRUCTION**

1. CONCRETE SIDEWALK SHALL BE 4" THICK ON COMPACTED SUBGRADE, WITH 1/2" EXPANSION JOINTS PLACED AT A MAXIMUM OF 75' CRACK CONTROL JOINTS SHALL BE 5' ON CENTER. THE EDGE OF SIDEWALK ELEVATION SHALL BE 3" HIGHER THAN THE EDGE OF PAVEMENT UNLESS OTHERWISE SPECIFIED BY LOCAL CODES OR SHOWN ON THE DRAWINGS. ALL CONCRETE SIDEWALKS THAT CROSS DRIVEWAYS SHALL BE 6" THICK AND HAVE A MINIMUM OF 3000 P.S.I. CONCRETE.
2. CONCRETE CURB SHALL BE CONSTRUCTED TO THE LIMITS SHOWN ON THE PLANS. THE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS AND SHALL BE IN ACCORDANCE WITH SECTION 345 OF THE STANDARD SPECIFICATIONS.

**F. SIGNAGE AND PAVEMENT MARKINGS**

1. THE ROADS AND PARKING AREAS SHALL BE STRIPED IN ACCORDANCE WITH THE PLANS. NO STRIPE SHALL BE LESS THAN THE SPECIFIED WIDTH NOR SHALL IT EXCEED THE SPECIFIED WIDTH BY MORE THAN 1/2 INCH. STRIPING SHALL BE IN ACCORDANCE WITH SECTIONS 710 AND 971 OF THE STANDARD SPECIFICATIONS. ALL STRIPING WITHIN THE PUBLIC RIGHT-OF-WAY AND AT DRIVEWAY ACCESS POINTS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL AND MAINTAIN ADEQUATE TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS FOR THE PURPOSE OF PROTECTING THE PUBLIC RIGHT-OF-WAY AND THE WORK AREA IN GENERAL. SUCH TRAFFIC CONTROL SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT PERIOD INCLUDING ANY TEMPORARY SUSPENSION OF THE WORK. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 102 OF THE STANDARD SPECIFICATIONS AND THE MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS.
3. ALL PAVEMENT MARKINGS ON-SITE SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
4. ALL SIGNING AND MARKINGS SHALL CONFORM TO MUTCD AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST EDITION).

**G. SEWER SYSTEM NOTES**

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LOCAL UTILITY DEPARTMENT MINIMUM STANDARDS AND APPLICABLE CODES.
2. THE CONTRACTOR SHALL FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF EXISTING SEWER LINES, MANHOLES, AND STUBOUTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE FIELD INFORMATION DIFFERS FROM THAT SHOWN ON THE PLANS.
3. ALL GRAVITY SEWER PIPE 4" & LARGER SHALL BE POLYVINYL CHLORIDE (PVC) ASTM 3034, SDR 35 FOR THE ON-SITE SANITARY AWWA C-900 PVC OFF-SITE SHALL BE USED IN THE CITY R.O.W.
4. MINIMUM SLOPE SHALL BE 0.4% FOR 8" PIPE AND 1% FOR 6" SERVICE LATERALS.
5. DUCTILE IRON SEWER PIPE FOR GRAVITY MAINS SHALL BE CLASS 350 POLYLINE WITH A MINIMUM OF 30° OF COVER.
6. PVC LINES ENTERING OR LEAVING MANHOLES SHALL HAVE A NEOPRENE BOOT WITH STAINLESS STEEL ACCESSORIES.
7. CONNECTIONS TO EXISTING MAINS SHALL BE MADE UNDER THE DIRECTION OF THE CITY UTILITY DEPARTMENT.
8. CLEANOUTS SHALL BE INSTALLED AT ALL SEWER SERVICES EXCEEDING 75' IN LENGTH (EVERY 75') WITH A CLEANOUT AT THE PROPERTY LINE, EASEMENT LINE, OR 5' FROM A BUILDING. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE BUILDING CLEANOUT (5' FROM THE BUILDING) AND ELEVATION OF THE END OF THE SEWER SERVICE WITH THE BUILDING PLUMBING CONTRACTOR.
9. LIMITS OF INFILTRATION OR EXFILTRATION OR LEAKAGE FOR THE ENTIRE SYSTEM, INCLUDING SERVICE LINES, SHALL NOT EXCEED A RATE OF 1 GALLONS PER MANHOLE PER 24 HOURS FOR ALL PIPES THROUGHOUT THE SYSTEM. THE ALLOWABLE LIMITS OF INFILTRATION OR EXFILTRATION OF MANHOLES SHALL NOT EXCEED A RATE OF 4 GALLONS PER MANHOLE PER 24 HOURS.
10. ALL SEWER MAINS AND SERVICES, UP TO AND INCLUDING THE END OF THE SERVICE, SHALL BE CLEANED WITHIN A MINIMUM OF A 15' UTILITY EASEMENT, UNLESS OTHERWISE SHOWN.
11. THE ENTIRE SYSTEM SHALL BE CLEANED PRIOR TO LAMPING OF THE CONCRETE SEWER MUST BE TELEVIEWED & CONTRACTOR'S EXPENSE. ALL DEFICIENCIES OBSERVED ON THE VIDEO TAPES SHALL BE CORRECTED PRIOR TO CITY CERTIFICATION TO ANY AGENCY.
12. PROVIDE GRADE RPM @ CENTERLINE OF ROAD OF NEAREST DRIVING LANE FOR MANHOLES LOCATED IN GREEN AREAS.

**H. WATER NOTES**

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LOCAL UTILITY DEPARTMENT MINIMUM STANDARDS AND APPLICABLE CODES.
2. ALL CONNECTIONS TO EXISTING MAINS SHALL BE MADE UNDER THE DIRECTION OF THE UTILITY DEPARTMENT.
3. GATE VALVES, 4" OR LARGER, SHALL MEET AWWA C-509-01 STANDARD. BUTTERFLY VALVES, 16" OR LARGER, SHALL MEET AWWA C-504-00, CLASS 150B STANDARDS & PBCWD STANDARDS.
4. FIRE HYDRANTS SHALL BE TRAFFIC BREAK AWAY TYPE CONFORMING TO AWWA C-502-94 STANDARDS.
5. ALL TRENCHING, PIPE LAYING, BACKFILLING, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH AWWA C-600-99 AND C-651-99 STANDARDS & PBCWD STANDARDS.
6. THE CONTRACTOR SHALL COORDINATE THE LOCATION AND ELEVATION OF THE ENDS OF THE WATER SERVICES WITH THE BUILDING PLUMBING CONTRACTOR.
7. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WATER MAINS AND PROPOSED CONNECTION POINTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE FIELD INFORMATION DIFFERS FROM THAT SHOWN ON THE PLANS.
8. THE CONTRACTOR MUST ARRANGE AND PAY FOR ANY TEMPORARY WATER REQUIRED FOR CONSTRUCTION, CLEANING, TESTING, ETC..

**15. TESTING**

1. ALL PIPE SHALL BE TESTED UNDER A CONSTANT PRESSURE OF 150 P.S.I. GOOD PRACTICE FOR FIRE MAINS FOR A MINIMUM TEST PERIOD OF 2 HOURS AND SHALL NOT EXCEED THE LEAKAGE REQUIREMENTS AS PER ANSI/AWWA SPECIFICATIONS OF C-600-99 LEAKAGE FORMULA.  
L = 50.0 FT  
L = 148.000  
L = ALLOWABLE LEAKAGE IN GALLONS PER HOUR.  
S = TOTAL LENGTH OF PIPE TESTED, FEET.  
D = DIAMETER OF THE PIPE TESTED, INCHES.  
P = AVERAGE TEST PRESSURE, P.S.I.  
THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY AND THE ENGINEER OF RECORD.
2. DISINFECTION OF ALL WATER LINES SHALL COMPLY WITH ANSI/AWWA C-651-99. BACTERIOLOGICAL SAMPLING POINTS ARE SHOWN ON THE WATER AND SEWER PLAN A CALORING RESIDUAL OF .3 TO 1.5 PPM SHALL BE MAINTAINED. ALL STERILIZATION SHALL BE AT THE FULL EXPENSE OF THE CONTRACTOR. BACTERIOLOGICAL SAMPLES MUST BE APPROVED BY THE COUNTY PUBLIC HEALTH UNIT AND THE CITY PRIOR TO OPERATION OF THE SYSTEM.
3. ALL PVC PIPE SHALL BE INSTALLED WITH METALLIC LOCATOR TAPE 18" ABOVE THE TOP OF PIPE.
4. BACK FLOW PREVENTORS MUST BE APPROVED BY THE CITY AS TO TYPE AND LOCATION PRIOR TO INSTALLATION.
5. \*ALL WATER MAIN PIPE, INCLUDING FITTINGS, INSTALLED ON OR AFTER AUGUST 28, 2003, EXCEPT PIPE INSTALLED UNDER A CONSTRUCTION PERMIT FOR WHICH HEALTH DEPARTMENT RECEIVED A COMPLETE APPLICATION BEFORE AUGUST 28, 2003, SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE S/DIADWALL BLUE PIPE. SHALL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO OR APPLIED TO THE PIPE WALL. UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO WALL PIPE. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER CONSTRUCTION. DRINKING WATER STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE AT DRINKING WATER TREATMENT PLANTS SHALL BE PAINTED BLUE OR SHALL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE. SUBSECTION 66-255.300(10), F.A.C. REQUIRES COLOR CODING OF PLANTS AT DRINKING WATER TREATMENT PLANTS. ALL NEW OR ALTERED, ABOVEGROUND PIPING AT DRINKING WATER TREATMENT PLANTS SHALL BE PAINTED OR LABELLED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS APPLICABLE. DRINKING WATER TREATMENT PLANTS SHALL BE INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT ARE FINISHED DRINKING WATER TREATMENT PLANTS SHALL BE REQUIRED UNDER SUBPARAGRAPH 66-255.300(2)(b)3, F.A.C. THIS SUBSECTION DOES NOT APPLY TO DRINKING WATER TREATMENT PLANT PIPING INSTALLED OR ALTERED UNDER A CONSTRUCTION PERMIT FOR WHICH THE DEPARTMENT RECEIVED A COMPLETE APPLICATION BEFORE AUGUST 28, 2003.

**III. SPECIFIC SITE NOTES**

**A. GENERAL**

1. "CITY" IN THESE NOTES REFERS TO THE CITY OF HOLLYWOOD.
  2. "COUNTY" IN THESE NOTES REFERS TO BROWARD COUNTY.
  3. "STATE" IN THESE NOTES REFERS TO THE STATE OF FLORIDA.
- IIII. INTENT OF DRAWINGS & SPECIFICATIONS**
1. INTENT OF SPECIFICATIONS AND DRAWINGS IS TO COVER AN INSTALLATION COMPLETE IN EVERY ASPECT. IT IS NOT INTENDED TO GIVE EVERY DETAIL ON DRAWINGS AND SPECIFICATIONS. OWNER WILL NOT BE RESPONSIBLE FOR ABESENCE OF ANY DETAIL WHICH CONTRACTOR MAY REQUIRE, NOR FOR ANY SPECIAL CONSTRUCTION WHICH MAY BE FOUND NECESSARY AS WORK PROGRESSES. IF AN ITEM IS EITHER INDICATED OR SPECIFIED, IT SHALL BE CONSIDERED SUFFICIENT FOR INCLUSION OF SAID ITEM IN CONTRACT. CONTRACTOR SHALL FURNISH AND INSTALL MATERIALS AND EQUIPMENT USUALLY FURNISHED WITH SUCH SYSTEMS, AND AS NEESDED TO COMPLETE AN OPERATING INSTALLATION, WHETHER MENTIONED OR NOT, WHICH ARE CUSTOMARY TO ITS TRADE.
  2. INCIDENTAL ACCESSORIES NOT USUALLY SHOWN OR SPECIFIED BUT WHICH ARE NECESSARY FOR THE PROPER INSTALLATION AND OPERATION SHALL BE INCLUDED IN WORK WITHOUT ADDITIONAL COST TO THE OWNER, THE SAME AS IF HERIN SPECIFIED.
  3. ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON BUT MENTIONED IN THE SPECIFICATIONS, OR VICE-VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND READY FOR OPERATION, SHALL BE FURNISHED, DELIVERED, AND INSTALLED BY THE CONTRACTOR, WITHOUT ADDITIONAL COST TO THE OWNER.
  4. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INDICATED (DO NOT SCALE THE DRAWINGS). CONSULT THE ENGINEER FOR EXACT LOCATIONS OF ITEMS WHICH ARE NOT DEFINITELY LOCATED ON THE DRAWINGS.
  5. ENGINEER'S INTERPRETATION OF DRAWINGS AND SPECIFICATIONS SHALL BE FINAL AND BINDING UPON CONTRACTOR.
  6. CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID, AND THOROUGHLY INVESTIGATE AND VERIFY ALL CONDITIONS UNDER WHICH WORK SHALL BE PERFORMED.
  7. IF A DISCREPANCY OCCURS BETWEEN A DETAIL, PLAN OR SPECIFICATIONS, THE MOST RESTRICTIVE DETAIL TAKES PRECEDENCE & SHALL BE IMPLEMENTED IN THE CONSTRUCTED PROJECT.

241 COMMERCIAL BLDV.  
LAUDERDALE BY THE SEA, FL 33308  
PHONE: (954) 522-1004  
FAX: (954) 522-7630  
www.flynnengineering.com  
EB# 6578

Sheet Title  
**GENERAL NOTES AND SPECIFICATIONS**

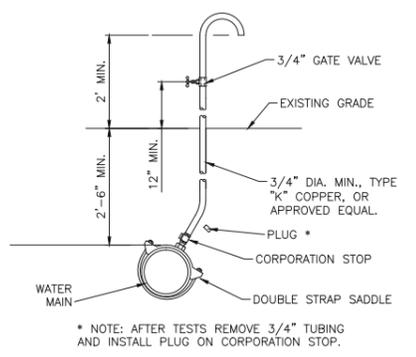
Job Title  
**CITY OF HOLLYWOOD BEACH MAINTENANCE OFFICE**  
CITY OF HOLLYWOOD BROWARD COUNTY

Revisions	

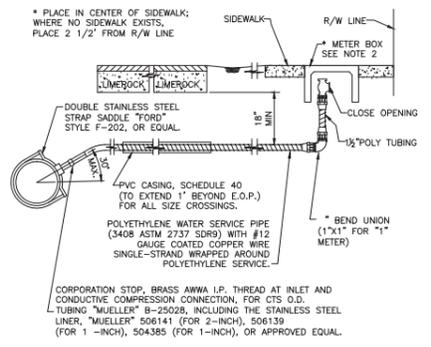
Phase:  
PERMIT  
DOCUMENTS

SEAL

Scale: NTS	Date: 05/16/16
Job No. 16-1297.00	Plot Date: 07/01/16
Drawn by: DRS	Sheet No. C4
Proj. Mgr. DRS	
Appr. by: DRS	4 of 4

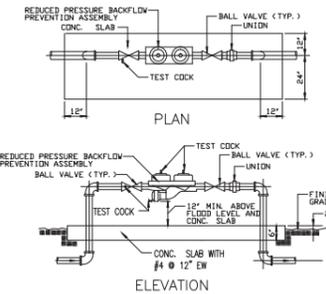


**TYPICAL BACTERIOLOGICAL SAMPLING POINT AT INTERMEDIATE POINTS** (304)



- NOTE:
- GROUND KEY ANGLE METER STOP, CONDUCTIVE COMPRESSION FOR CTS O.D. TUBING, X METER FLANGE 180° TURN CHECK-LOCK WING 'MUELLER' H-14277, FOR 2-INCH INCLUDING THE STAINLESS STEEL LINER, 'MUELLER' 506141 (FOR 2-INCH) OR APPROVED EQUAL, AND MUELLER 110 COMPRESSION CONNECTION.
  - METER BOXES FOR 5/8, 3/4, AND 1 INCH METERS SHALL BE THE OKIE OKIE #890-40-260282 MEDIUM BOX AND 890-40-260257 MEDIUM LID OR EQUAL.

**TYPICAL WATER SERVICE INSTALLATION** (300)



- NOTES
- THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 30 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
  - GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE ENGINEER, OR THE CITY INSPECTOR.
  - THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE ENGINEER AND THE CITY INSPECTOR.
  - ADJUSTABLE PIPE SADDLE SUPPORT (GRUNNELL F2026A, OR EQUAL) SIZED TO FIT CURVATURE OF DOUBLE CHECK VALVE ASSEMBLY WITH GALVANIZED STEEL PIPE AND FLOOR FLANGE. ATTACH FLOOR FLANGE TO CONCRETE SLAB WITH GALVANIZED EXPANSION BOLTS.
  - THE CITY SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE BACKFLOW PREVENTION ASSEMBLY.
  - PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE WITH GALVANIZED WELLSITE IRON THREADED FITTINGS. PIPING 2-1/2" AND LARGER SHALL BE DUCTILE IRON PIPE WITH FLANGED FITTINGS. ALL PIPING SHALL BE IN ACCORDANCE WITH VILLAGE STANDARDS.
  - ALL EXPOSED METALLIC THREADS SHALL BE PAINTED WITH BITUMASTIC PAINT.
  - CONTRACTOR SHALL SUBMIT SHOP DRAWING TO ENGINEER OF RECORD FOR APPROVAL.

**REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY DETAIL (FOR METERED POTABLE WATER SERVICES SIZES 3/4" THRU 2")**  
N.T.S.

Revisions	
05/19/16	PRELIMINARY PLANS
07/01/16	CITY BD PLANS
08/29/16	REV. CITY BD PLANS

Phase:  
PERMIT DOCUMENTS

SEAL

Scale:	NTS	Date:	05/16/16
Job No.	16-1297.00	Plot Date:	08/29/16
Drawn by:	DRS	Sheet No.:	C3
Proj. Mgr.:	DRS		
Appr. by:	DRS		3 of 4



INTRACOASTAL WATERWAY

SPECIAL EMPHASIS CROSSWALK  
PER FDOT INDEX 17346

TYPE "D" CONC. CURB (TYP)

12'X19' HANDICAP PARKING  
SPACE W/ 5' ACCESS AISLE  
(SEE DETAIL)

HOLLYWOOD  
BOULEVARD  
BRIDGE

SPECIAL FLOOD HAZARD  
BOUNDARY LINE

INTRACOASTAL

FLOOD ZONE AE ELE

6" WHITE STRIPE  
(TYP)

CB#2  
RIM=2.70  
INV=0.50

100LF EXFILTRATION TRENCH  
FLOOD ZONE AE ELEVATION 6

CB#1  
RIM=2.70  
INV=0.50

SAWCUT, MATCH EXISTING ELEVATION, &  
CONNECT TO EXISTING CURB (TYP)

HANDICAP SIGN  
(SEE DETAIL)

TRAILER  
FFE=7.0 NAVD

1" WATER SERVICE  
W/ SAMPLE PT. #1

SEWER HOLDING TANKS  
(REFER TO CITY SPECS)

EXIST CB  
RIM=2.42  
INV=(-)2.09(SE)

OCEAN  
SOUTH

OCEAN  
NORTH

CONC. CURB & GUTTER  
INDEX 300 (TYP)

EXIST 16" WM

EXIST WM

OCEAN DRIVE

EXIST 16" WM

EXIST WM

CURB RAMP - CR G  
PER FDOT INDEX 304 (TYP)

SPECIAL EMPHASIS CROSSWALK  
PER FDOT INDEX 17346

EXIST 30" RCP

EXIST 30" RCP

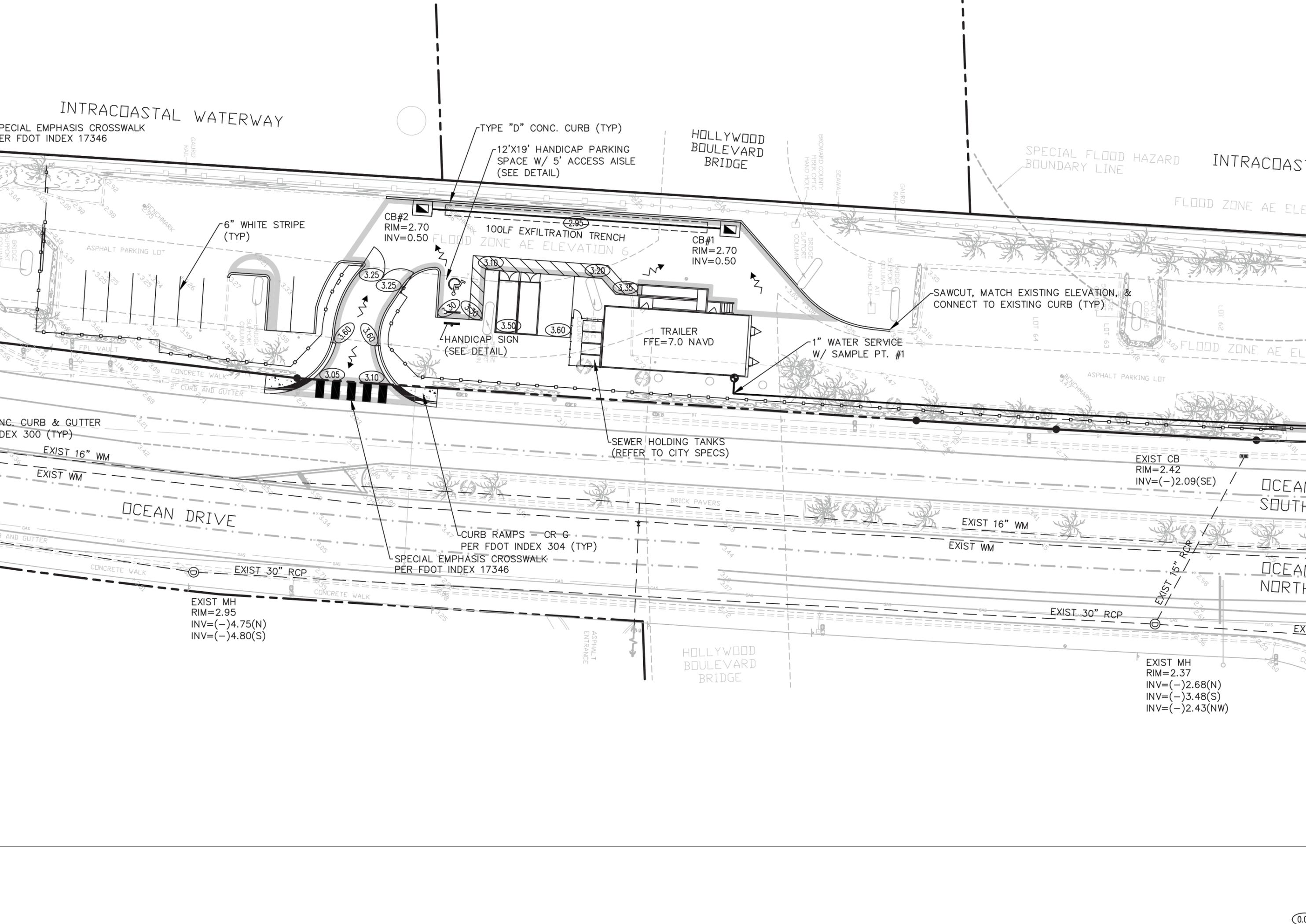
EXIST 15" RCP

EXIST MH  
RIM=2.95  
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INV=(-)4.80(S)

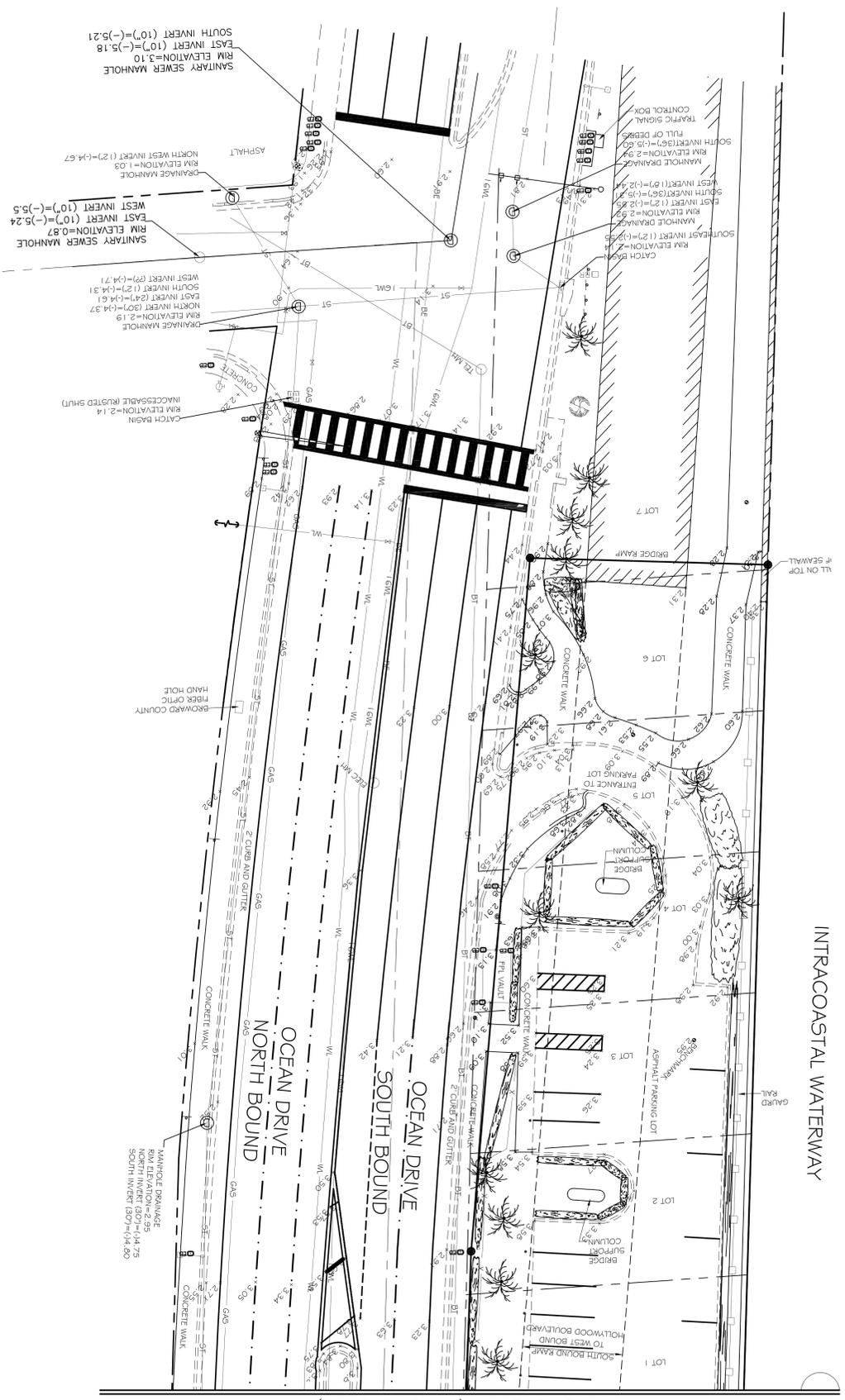
EXIST MH  
RIM=2.37  
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INV=(-)3.48(S)  
INV=(-)2.43(NW)

HOLLYWOOD  
BOULEVARD  
BRIDGE

ASPHALT  
ENTRANCE



NORTH



MATCH LINE A-A (MATCH SHEET 2)

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ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE TO BE CONSIDERED APPROXIMATE & SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK OPERATIONS

**UTILITY DISCLAIMER:**

WITH REGARD TO OBSERVED EVIDENCE (SURVEYED LOCATIONS) OF ALL UTILITIES SHOWN ON THIS SURVEY:

INFORMATION FROM PLANS AND MARKINGS HAVE BEEN COMBINED WITH ABOVE-GROUND, VISIBLE EVIDENCE OF UTILITIES, TOGETHER WITH GEOPHYSICAL METHODS (MAGNETIC TRACING) TO DEVELOP A VIEW OF UNDERGROUND UTILITIES, AS SHOWN HEREON BY THEIR RESPECTIVE LINE TYPES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DETERMINED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS HEREBY ADVISED THAT EXCAVATION MAY BE NECESSARY.

- NOTES:
- 1) THE LAND DESCRIPTION SHOWN HEREON WAS PROVIDED BY THE CLIENT. EASEMENTS AND RIGHTS-OF-WAY PER RECORD PLAT HAVE BEEN SHOWN HEREON. NO FURTHER SEARCH FOR MATTERS OF RECORD HAS BEEN MADE BY THIS FIRM.
  - 2) THIS SURVEY IS PREPARED FOR THE SOLE AND EXCLUSIVE USE OF THE PARTIES AS SURVEYED FOR AND AS CERTIFIED TO AND SHALL NOT BE RELIED UPON BY ANY OTHER ENTITY OR INDIVIDUAL.
  - 3) ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
  - 4) CORNERS OF CITY HALL BUILDING, CITY OF HOLLYWOOD.
  - 5) NORTH ARROW RELATIVE TO A BEARING REFERENCE OF N 03°39'51" E (ASSUMED MERIDIAN) ALONG THE CENTRAL LINE OF OCEAN DRIVE.
  - 6) HORIZONTAL CONTROL DATA RELATIVE TO FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 / 1990 ADJUSTMENT.
  - 7) UNDERGROUND UTILITIES SHOWN PER SUNSHINE LOCATES, PER UTILITY DRAWINGS PROVIDED TO THIS OFFICE AND PER CITY OF HOLLYWOOD UTILITY MAPS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE SHOWN IN APPROXIMATE LOCATION. CALL SUNSHINE STATE ONE FOR LOCATES WORK.
  - 8) UNDERGROUND UTILITY PIPE SIZES AND TYPES SHOWN PER CITY OF HOLLYWOOD UTILITY DRAWINGS.

- NOTES:
- 1) BENCHMARK REFERENCE - NATIONAL GEODETIC SURVEY BENCHMARK - PIP 402430 DISC IN CONCRETE AT NE CORNER OF N 9 AVENUE AT HOLLYWOOD BOULEVARD. ELEVATION = 1.65
  - 2) BROWARD COUNTY ENGINEERING DEPARTMENT BK4347
  - 3) ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
  - 4) NORTH ARROW RELATIVE TO A BEARING REFERENCE OF N 03°39'51" E (ASSUMED MERIDIAN) ALONG THE CENTRAL LINE OF OCEAN DRIVE.
  - 5) ADJUSTMENT OF DELTA TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.

FEMA FLOOD INSURANCE RATE MAP COMMUNITY		NO.	
CITY OF HOLLYWOOD		125113	
PAUL SUFFIN	FIRM	BASE	
05681	AE	09/18/14	5/6

REVISION	DATE	BY
ADDED A-1-A RIGHT-OF-WAY	04/07/16	CM

SKETCH OF BOUNDARY AND TOPOGRAPHIC SURVEY		DRAWN BY: CM	
JOB #: RN8595	DATE: 4/07/16	CHECKED BY: SKS	
SCALE: 1" = 20'	SHEET 3 OF 3		

STEPHEN K. SEEBY, FOR THE FIRM  
PROFESSIONAL SURVEYOR & MAPPER  
FLORIDA REGISTRATION NO. 4574

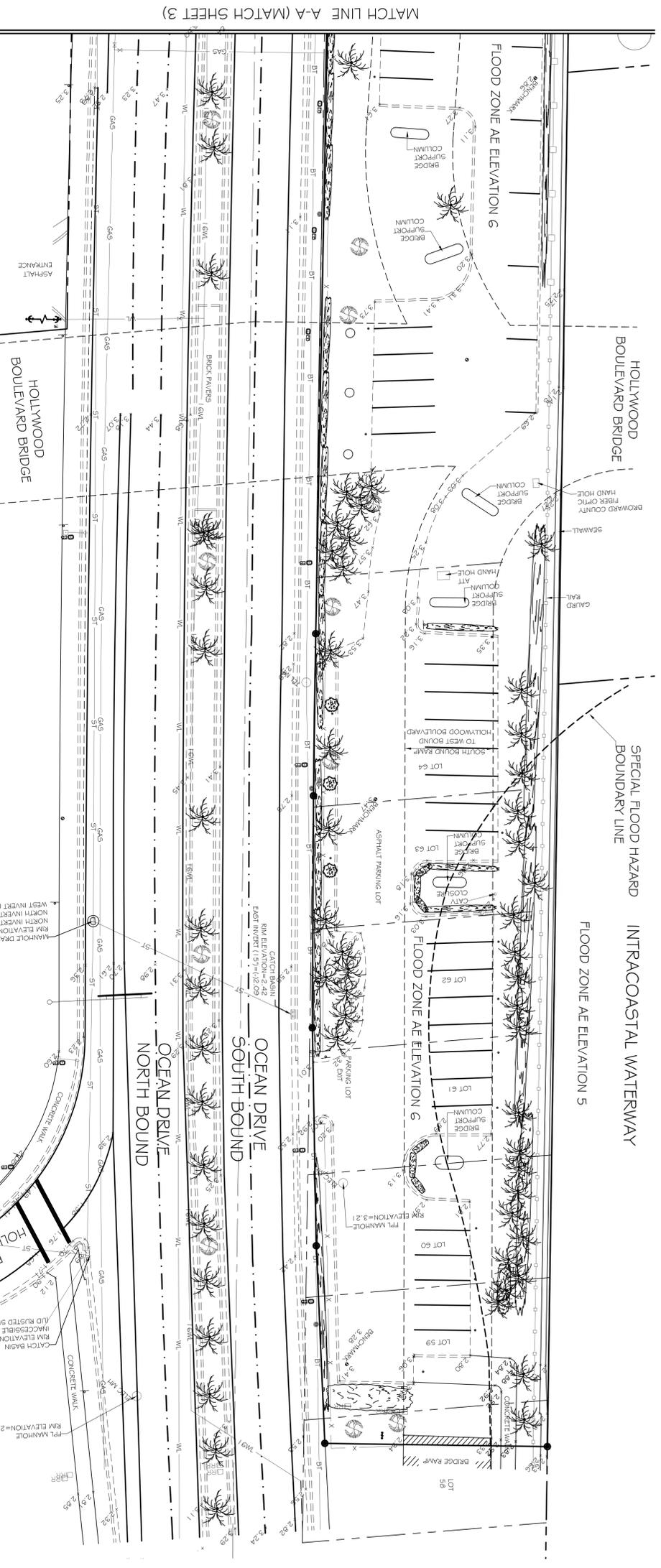
**GIBBS LAND SURVEYORS**  
2131 HOLLYWOOD BOULEVARD, SUITE 204  
HOLLYWOOD, FL 33020 (954) 923-7666  
LICENSED BUSINESS NO. 7018

**LEGEND**

	FLAG POLE		CHAIN/LINK FENCE
	CABLE TV RISER		METAL FENCE
	TELEPHONE RISER		WOOD FENCE
	ELECTRIC BOX		P.C. FENCE
	BACKFLOW PREVENTOR		BURIED TELEPHONE
	SMART CONNECTION		BURIED FORCE MAIN
	ROLLBAR		BURIED WATER LINE
	METAL LIGHT POLE		REUSE WATER LINE
	GATE VALVE		BURIED CABLE TV
	WATER METER		BURIED ELECTRIC
	FIRE HYDRANT ASSEMBLY		BURIED GAS LINE
	MANHOLE - SEE SURVEY		CENTERLINE
	WOOD POWER POLE		RIGHT-OF-WAY LINE
	CONCRETE POWER POLE		LIMITED ACCESS RIGHT-OF-WAY LINE
	ANCHOR/RUN WIRE		
	CONCRETE LIGHT POLE		
	TRAFFIC SIGN POST		
	CLEANOUT		
	MAIL BOX		

	CONC.		CONCRETE
	O.A.B.		OFFICIAL RECORD BOOK
	B.C.R.		BROWARD COUNTY RECORDS
	TREE		BUSH
	HEDGE		PALM



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Sunshine State One Call of Florida, Inc.

ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE TO BE CONSIDERED APPROXIMATE & SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF WORK OPERATIONS

**UTILITY DISCLAIMER:**

WITH REGARD TO OBSERVED EVIDENCE (SURVEYED LOCATIONS) OF ALL UTILITIES SHOWN ON THIS STUDY:

INFORMATION FROM PLANS AND MARKINGS HAVE BEEN COMBINED WITH ABOVE-GROUND, VISIBLE EVIDENCE OF UTILITIES, TOGETHER WITH GEOPHYSICAL METHODS (MAGNETIC TRACKING) TO DEVELOP A VIEW OF UNDERGROUND UTILITIES, (AS SHOWN HEREON BY THEIR RESPECTIVE LINE TYPES), HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DETERMINED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS HEREBY ADVISED THAT EXCAVATION MAY BE NECESSARY.

- NOTES:
- 1) THE LAND DESCRIPTION SHOWN HEREON WAS PROVIDED BY THE CLIENT. EASEMENTS AND RIGHTS-OF-WAY PER RECORD PLAT HAVE BEEN SHOWN HEREON. NO FURTHER SEARCH FOR MATTERS OF RECORD HAS BEEN MADE BY THIS FIRM.
  - 2) THIS SURVEY IS PREPARED FOR THE SOLE AND EXCLUSIVE USE OF THE PARTIES AS SURVEYED FOR AND AS CERTIFIED TO AND SHALL NOT BE RELIED UPON BY ANY OTHER ENTITY OR INDIVIDUAL.
  - 3) ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
  - 4) THE CORNER OF CITY HALL BUILDING, CITY OF HOLLYWOOD.
  - 5) NORTH ARROW RELATIVE TO ASSUMED 2.8725(SG) 1/4 ALONG THE CENTERLINE OF FRABROCK ROAD
  - 6) HORIZONTAL CONTROL DATA RELATIVE TO FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 / 1990 ADJUSTMENT.
  - 7) UNDERGROUND UTILITIES SHOWN PER SUNSHINE LOCATES. PER UTILITY DRAWINGS PROVIDED TO THIS OFFICE AND PER CITY OF HOLLYWOOD UTILITY MAPS AND ARE SHOWN FOR INFORMATION PURPOSES ONLY AND ARE SHOWN IN APPROXIMATE LOCATION. CALL SUNSHINE STATE ONE FOR LOCATES WORK.
  - 8) UNDERGROUND UTILITY PIPE SIZES AND TYPES SHOWN PER CITY OF HOLLYWOOD UTILITY DRAWINGS.

- NOTES:
- 1) BENCHMARK REFERENCE - NATIONAL GEODETIC SURVEY BENCHMARK - PID 402430 DISC IN CONCRETE AT NE CORNER OF N 9 AVENUE AT HOLLYWOOD BOULEVARD. ELEVATION = 1.69
  - 2) ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
  - 3) NORTH ARROW RELATIVE TO A BENCHMARK REFERENCE OF N 0393951 1/4 (ASSUMED MERIDIAN) ALONG THE CENTERLINE OF OCEAN DRIVE.
  - 4) ADDITIONAL CONTROL DATA RELATIVE TO FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 / 1990 ADJUSTMENT.
  - 5) CONSULT OF THE DRAWING PLAN.

FEMA FLOOD INSURANCE RATE MAP COMMUNITY		NO.	
CITY OF HOLLYWOOD		123113	
PAUL SUFFIN	FIRM	DATE	
05681	H AE	08/18/14	5/6

REVISION		DATE		BY	
ADDED A-1-A RIGHT-OF-WAY		04/07/16		CM	

SKETCH OF BOUNDARY AND TOPOGRAPHIC SURVEY		DRAWN BY: CM	
JOB #: R08595	DATE: 4/07/16	CHECKED BY: SKS	
SCALE: 1" = 20'	SHEET 2 OF 3		

STEPHEN K. SEEBY FOR THE FIRM  
PROFESSIONAL SURVEYOR & MAPPER  
FLORIDA REGISTRATION NO. 4574

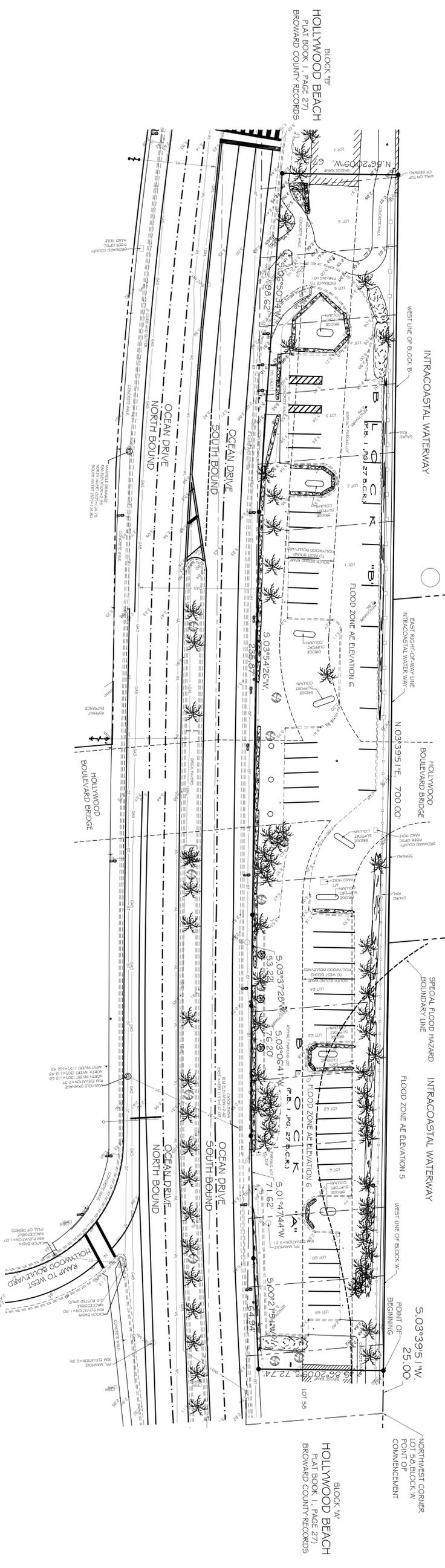
**GIBBS LAND SURVEYORS**  
2131 HOLLYWOOD BOULEVARD, SUITE 204  
HOLLYWOOD, FL 33020 (954) 923-7666  
LICENSED BUSINESS NO. 7018

**LEGEND**

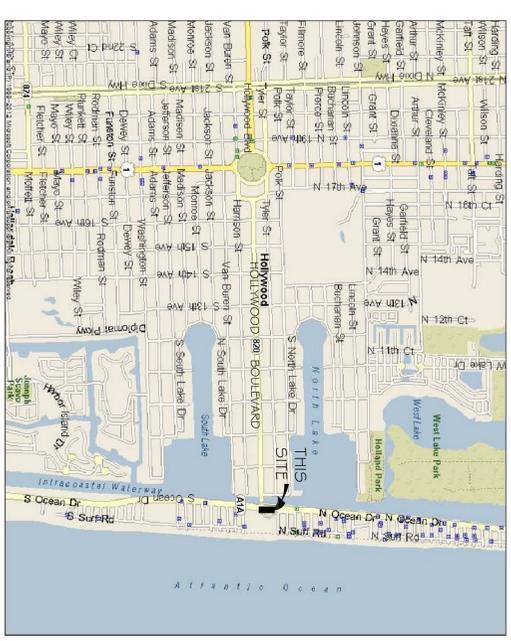
	FLAG POLE		CONCRETE
	CABLE TV RISER		OFFICIAL RECORD BOOK
	TELEPHONE RISER		BROWARD COUNTY RECORDS
	ELECTRIC BOX		TREE
	BACKFLOW PREVENTOR		BUSH
	SEWER CONNECTION		HEDGE
	BOLLARD		PALM
	METAL LIGHT POLE		
	GATE VALVE		
	WATER METER		
	FIRE HYDRANT ASSEMBLY		
	MANHOLE - SEE SURVEY		
	CB		
	WOOD POWER POLE		
	CONCRETE POWER POLE		
	ANCHOR/RUN WIRE		
	CONCRETE LIGHT POLE		
	TRAFFIC SIGN POST		
	CLEANOUT		
	MAIL BOX		



NOTE: SPECIAL FLOOD HAZARD AREA BOUNDARY LINES ARE SHOWN FOR INFORMATION ONLY FROM FEMA MAPS AND ARE APPROXIMATE



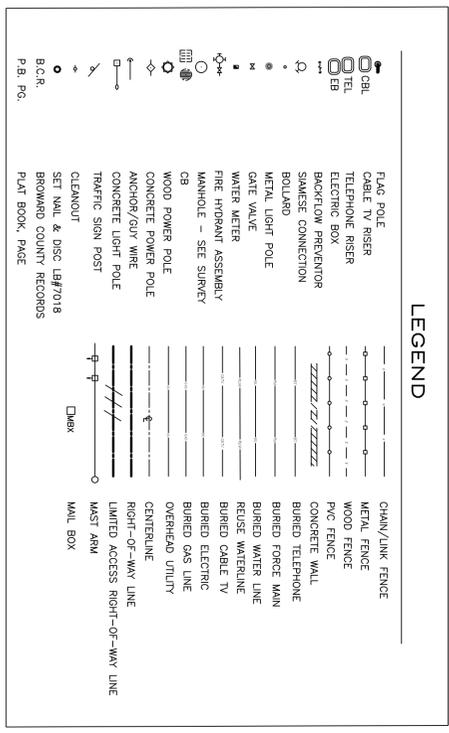
LOCATION MAP  
NOT TO SCALE



**DESCRIPTION**

A PORTION OF STATE ROAD A-1-A RIGHT-OF-WAY, AS SHOWN ON THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, SECTION 86040-2507, LYING WITHIN A PORTION OF BLOCK 'A' AND BLOCK 'B', TOGETHER WITH THAT PORTION OF HOLLYWOOD BOULEVARD OF "HOLLYWOOD BEACH", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 27 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 58, BLOCK 'A', "HOLLYWOOD BEACH", ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 27, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; THENCE SOUTH 03°39'51" WEST ON AN ASSUMED BEARING ALONG THE WEST LINE OF SAID BLOCK 'A' FOR A DISTANCE OF 25.00 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 86°20'09" EAST 72.74 FEET; THENCE SOUTH 00°21'51" WEST 64.94 FEET; THENCE SOUTH 01°47'44" EAST 71.62 FEET; THENCE SOUTH 03°06'41" WEST 76.20 FEET; THENCE SOUTH 03°37'28" WEST 53.22 FEET; THENCE SOUTH 03°54'26" WEST 235.87 FEET; THENCE SOUTH 06°50'34" WEST 198.62 FEET; THENCE NORTH 86°20'09" WEST 67.57 FEET TO A POINT ON THE WEST LINE OF BLOCK 'B' OF SAID "HOLLYWOOD BEACH"; THENCE NORTH 03°39'51" EAST ALONG THE WEST LINE OF SAID BLOCK 'B' AND ITS NORTHERLY EXTENSION AND ALONG THE WEST LINE OF SAID BLOCK 'A' FOR A DISTANCE OF 700.00 FEET TO THE POINT OF BEGINNING.



- NOTES
- BENCHMARK REFERENCE - NATIONAL GEODETIC SURVEY BENCHMARK - PD 402430 DISC IN CONCRETE AT THE CORNER OF N 9 AVENUE AT HOLLYWOOD BOULEVARD. ELEVATION = 1.69
  - BROWARD COUNTY ENGINEERING DEPARTMENT B43947
  - ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
  - NORTH ARROW RELATIVE TO A BEARING REFERENCE OF N0339951° E ASSUMED MERIDIAN ALONG THE CENTRELINE OF OCEAN DRIVE
  - ALL DIMENSIONS OR DELETIONS TO SURVEY MAPS OR RECORDS BY OTHER THAN THE SIGNING PARTY IS FORBIDDEN WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY.

FEMA FLOOD INSURANCE RATE MAP COMMUNITY	
CITY OF HOLLYWOOD	NO. 123113
BROWARD COUNTY, FLORIDA	
PAUL SUFFIN/ZONE	DATE
05681 H AE	08/18/14 5/6

REVISION	DATE	BY
ADDED A-1-A RIGHT-OF-WAY	04/07/16	CM

SKETCH OF BOUNDARY AND TOPOGRAPHIC SURVEY	
JOB #: RM8595	DATE: 4/07/16
SCALE: 1" = 20'	SHEET 1 OF 3
DRAWN BY: CM	CHECKED BY: SKS
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RASGED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER	

STEPHEN K. SEEBY, FOR THE FIRM  
PROFESSIONAL SURVEYOR & MAPPER  
FLORIDA REGISTRATION NO. 4574

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